

Examiner-Initiated Interview Summary

Application No.

10/701,412

Applicant(s)

REINHART ET AL.

Examiner

Katherine W. Mitchell

Art Unit

3677

All Participants:(1) Katherine W. Mitchell.(2) Randal M Heald.Status of Application: response to non-final entered

(3) _____.

(4) _____.

Date of Interview: 1 July 2005Time: various**Type of Interview:**☒ Telephonic☐ Video Conference☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)Exhibit Shown or Demonstrated: ☐ Yes ☒ No

If Yes, provide a brief description:

Part I.

Rejection(s) discussed:

no

Claims discussed:

no

Prior art documents discussed:

various - see email attached

Part II.

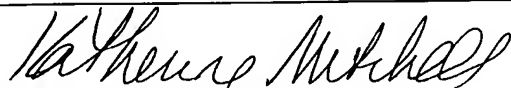
SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:

See Continuation Sheet

Part III.

☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.

☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.



(Examiner/SPE Signature)

(Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: examiner called concerned about response, which argues that an oil in water emulsion will not work, and thus the invention is to a water in oil emulsion, which applicant argues in response was mistyped as oil in water. Examiner has numerous references that oil in water emulsions are what works, and noted that the parent case which issued was for oil in water. Applicant suggested formal interview with inventor Quinn also present - examiner agreed. Examiner noted that action would be based on case as pending, as supplemental amendments directly to examiner are no longer possible - all amendments must be formally submitted via official mail/fax channels - examiner cannot accept and have it marked "official". However, examiner suggests careful review prior to response to next office action. . . .

Mitchell, Katherine

From: Mitchell, Katherine
Sent: Friday, July 01, 2005 2:34 PM
To: Randal M Heald (E-mail)
Subject: for your review

These are references that show oil in water will work. None teach water in oil.

NASA, Technology Opportunity Showcase, **Emulsified Zero-Valent Iron (EZVI) downloaded from**
www.ipp.nasa.gov/innovation/innovation111/7-techop2.html

Quinn et al, Field Demonstration of DNAPL Dehalogenation Using Emulsified Zero-Valent Iron, ACS Publications downloaded from

www.pubs.acs.org/cgi-bin/abstract.cgi/esthag/2005/39/i05/abs/es0490018.html

A SERDP presentation "State of SERDP/ESTCP Funded Zero-Valent Iron (ZVI) Research and Technology presented by Rajast S Ghosh, The RETEC Group. especially slide 12 - picture is similar to those is several NASA presentations downloaded from
http://www.frtr.gov/pdf/meetings/k--ghosh_09jun04.pdf

Geiger et al., The in-Situ Treatment of DNAPL with Zero Valent Iron Emulsions (Esp see picture (a)) downloaded from
www.people.cecs.ucf.edu/reinhart/Emulsion.pdf

O'Hara et al., EMULSIFIED ZERO-VALENT IRON TREATMENT OF CHLORINATED SOLVENT DNAPL SOURCE AREAS from

http://rtdf.org/PUBLIC/permbarr/minutes/101603/pdf/n_ohara.pdf see pages 7-9 especially. Note Fig page 7 identical with slide 12 of SERDP presentation

Katherine Mitchell

571-272-7069 phone
571-273-7069 Rightfax to computer
katherine.mitchell@uspto.gov
U.S. Patent and Trademark Office
AU 3677

actual street address:

KNOX 2D14
501 Dulany Street
Alexandria, VA 22314